

Part Number: E3612S

Revision: 9/17/2013

2C 16 AWG PVC, OAS, PVC**FIRE ALARM / LIFE SAFETY CABLE****A. CONSTRUCTION**

Conductor:	#16 AWG (Solid) Bare Copper	.051" Nom
Insulation:	.009" Wall, Plenum PVC	.069" Nom
Cable Assembly:	2C with a 2.75" LHL	.138" Nom
Overall Shield:	Aluminum/Polyester Tape (Foil Out)	.143" Nom
Drain Wire:	#22 AWG (7/30) Tinned Copper	
Ripcord:	Yes.	
Jacket:	.015" Wall, Plenum PVC	.173" ± .009"
Print Legend:	<i>CAROL (R) 16 AWG -- E3612S -- 75C TYPE FPLP E66267-8 (UL) -- ROHS -- MADE IN USA</i> <i>(date code - MM/YY) (sequential footage)</i>	
Sequential Footage:	Yes.	

DIAMETERS**B. INDUSTRY APPROVALS**

National Electrical Code	Article 760
UL Standard 1424	Type FPLP

C. ELECTRICAL PROPERTIES

Temperature:	0°C to +75°C
Suggested Working Voltage:	300 Vrms (Max)
Conductor DCR:	4.10 Ohms/1000ft @ 20°C (Max)
Capacitance (Cond-Cond):	64.4 pF/ft. @ 1 kHz (Nom)
Capacitance (Cond-Shield):	116 pF/ft. @ 1 kHz (Nom)
Characteristic Impedance:	30 Ohms @ 1MHz (Nom)

D. COLOR CODE

COND	COLOR
1	BLACK
2	RED

E. CUSTOMER APPROVAL

Signature: _____
Date: _____